

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James J. Estrada  
Serial No. : To be assigned  
Filed : Herewith  
Title : MODELLING PIECE-WISE CONTINUOUS TRANSFER FUNCTIONS FOR  
DIGITAL IMAGE PROCESSING

Art Unit : Unknown  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

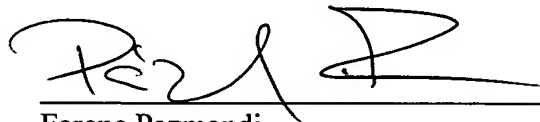
Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed with the application. Accordingly, only copies of foreign patent documents and non-patent literature are enclosed. Please apply any charges or credits to Deposit Account No. 06-1050.

Ferenc Pazmandi has been given limited recognition under 37 CFR § 10.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires November 10, 2004, is attached hereto.

Respectfully submitted,

Date: 2/11/04

  
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Ferenc Pazmandi  
Limited Recognition under 37 CFR § 10.9(b)

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>07844-620001</b>	Application No.
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant <b>James J. Estrada</b>	
		Filing Date	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,087,966	02/11/92	Harradine			
	AB	5,132,796	07/21/92	Topper et al.			
	AC	5,255,093	10/19/93	Topper et al.			
	AD	5,694,484	12/02/97	Cottrell et al.			
	AE	5,710,871	01/20/98	Tadenuma et al.			
	AF	5,790,707	08/04/98	Tanaka et al.			
	AG	2002/0067435	06/06/02	Rapaich			
	AH						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AJ	Dahlquist, Germund et al.; <u>Numerical Methods</u> , pp. 197-198, 201-206, 1974, Prentice-Hall, Inc., Englewood Cliffs, NJ
	AK	Björck, Ake; <u>Numerical Methods For Least Squares Problems</u> , pp. 42-44, 1996, Society for Industrial and Applied Mathematics, Philadelphia.
	AL	Moré, Jorge J.; <u>The Levenberg-Marquardt Algorithm: Implementation and Theory</u> , pp. 105-116, 1978, Proceedings of the Biennial Conference on Numerical Analysis..
	AM	Brown, Kenneth M, Dennis, Jr., J.E., "Derivative Free Analogues of the Levenberg-Marquardt and Gauss Algorithms for Nonlinear Least Squares Approximation", pp. 289-297, 1972, <u>Numer. Math</u> 18, Springer-Verlag.
	AN	Marquardt, Donald W.; "An Algorithm For Least-Squares Estimation of Nonlinear Parameters", pp. 431-441, June 1963, <u>J. Soc. Indus. Appl. Math</u> , Vol. 11, No. 2.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	